

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2003/000720

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04L 27/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04L, H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC, XPI3E

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1276289 A3 (SAMSUNG ELECTRONICS CO., LTD.), 4 June 2003 (04.06.2003), paragraphs [0016] - [0017]; abstract --	1-34
X	EP 0961448 A2 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.), 1 December 1999 (01.12.1999); paragraph [0089]; abstract --	1-34
X	US 6359938 B1 (KEEVILL, P.A. ET AL), 19 March 2002 (19.03.2002), column 26, line 55 - column 27, line 10 --	1-34

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

26 April 2004

Date of mailing of the international search report

04 -05- 2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 0197478 A2 (AT & T WIRELESS SERVICES, INC.), 20 December 2001 (20.12.2001), figure 10, abstract --	1-34
A	EP 0915597 A1 (SONY INTERNATIONAL (EUROPE) GMBH), 12 May 1999 (12.05.1999), see the whole document --	1-34
A	ETSI EN 300 744 V1.4.1: Digital Video Broadcasting (DVB); Framing structure, channel coding and modulation for digital terrestrial television. January 2001, see chapters 4.4 - 4.6. -- -----	1-34

INTERNATIONAL SEARCH REPORT

Information on patent family members

31/03/2004

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